



***Maud Menten Institute /
Mathematical and Statistical Biology Seminar***
Students' Choice

**Monday, March 3, 2025
12 pm PST (in person)
Engineering/Comp Sci 130**

Join Zoom Meeting

<https://uvic.zoom.us/j/89270000801>

Meeting ID: 892 7000 0801

William (Bill) Fagan

Department of Biology
University of Maryland

**Recent developments in the estimation of animal home ranges:
Investigations of learning, establishment, and population-level attributes**

This seminar will focus on aspects of the ecology of animal home ranges in which empirically derived movement tracks are viewed as realizations of continuous time, continuous space stochastic processes. Topics will include the distinctions between occurrence distributions and range distributions, data thresholds for effective statistical estimation, estimation of behavioral change points following animals' release from captivity, population-level inference, and the estimation of population ranges.

